

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("5757162").PN.	USPAT; USOCR	OR	OFF	2006/11/27 09:17
L2	1	L1 and parallel	USPAT	OR	OFF	2006/11/27 09:18
L3	1	L1 and series	USPAT	OR	OFF	2006/11/27 09:18
L4	1	"20020116783"	US-PGPUB; USPAT	OR	OFF	2006/11/27 09:49
L5	0	L4 and LED	US-PGPUB; USPAT	OR	OFF	2006/11/27 09:51
L6	49	LED and (pressure adj wash\$3) and ("134".clas. or "239".clas.)	US-PGPUB; USPAT	OR	ON	2006/11/27 10:32
L7	650	LED and (outlet and plug) and (light with electrical with power)	US-PGPUB; USPAT	OR	ON	2006/11/27 10:33
L8	0	LED and (outlet and plug) and (light with electrical with power) and optical and reciever	US-PGPUB; USPAT	OR	ON	2006/11/27 10:33
L9	285	LED and (outlet and plug) and (light with electrical with power) and optical	US-PGPUB; USPAT	OR	ON	2006/11/27 10:34
L10	19	LED and (outlet and plug) and (light with electrical with power) and optical with receiver	US-PGPUB; USPAT	OR	ON	2006/11/27 10:36
L11	3579	LED and plugged and outlet and light	US-PGPUB; USPAT	OR	ON	2006/11/27 10:36
L12	17	LED and plugged and outlet and light and ON	US-PGPUB; USPAT	OR	ON	2006/11/27 10:36
S1	12658	("134".clas. or "239".clas.) and ((power or pressure or jet) near3 (wash\$3 or spray\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:30
S2	5117	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:31
S4	977	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:35

## EAST Search History

S5	1149	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:35
S6	1161	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:36
S7	155	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:36
S8	64	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and AC and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 14:38

## EAST Search History

S9	65	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (sensor or feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and AC and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 12:29
S10	261	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (sensor or feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:24
S11	376	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (sensor or feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and (voltage or (electric\$3 with current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:15
S12	52	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (voltage with (drop or decrease))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:16
S13	0	("2003/0006294").URPN.	USPAT	OR	OFF	2006/11/21 15:19
S14	0	("2003/0006294").URPN.	USPAT	OR	OFF	2006/11/21 15:20
S15	0	("2003/0006294").URPN.	USPAT	OR	OFF	2006/11/21 15:20
S16	5	("4274553"   "4585168"   "5279448"   "5711483").PN. OR ("6684133").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 15:20

## EAST Search History

S17	192	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (sensor or feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3)) and voltage and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:25
S18	51	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((problem\$2 or detect\$3 or diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) same (indicat\$3 with (sensor or feedback or circuit\$3 or LED or monitor\$3 or electric\$4 or panel or cluster or display\$3))) and voltage and circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:35
S19	1	("4370764").PN.	USPAT; USOCR	OR	OFF	2006/11/21 15:31
S20	18	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (ground with fault with circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:37
S21	36	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (ground with fault with circuit with interrupter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:38
S22	36	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (GCFI or (ground with fault with circuit with interrupter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:39
S23	1	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (GCFI or (ground with fault with circuit with interrupter)) and (voltage with (decrease or drop))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:40
S24	51	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((GCFI or (ground with fault with circuit with interrupter)) or (diagnostic with circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:41

## EAST Search History

S25	55	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((GCFI or (ground with fault with circuit with interrupter)) or (diagnos\$4 with circuit))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:41
S26	22	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((GCFI or (ground with fault with circuit with interrupter)) or (diagnos\$4 with circuit)) and (AC or (alternating with current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 15:42
S27	15	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((GCFI or (ground with fault with circuit with interrupter)) or (diagnos\$4 with circuit)) and indicator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:25
S28	43	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((GCFI or (ground with fault with circuit with interrupter)) or (diagnos\$4 with circuit)) and indicat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:13
S29	20	("4977394").URPN.	USPAT	OR	OFF	2006/11/21 16:20
S30	1	("6862482").URPN.	USPAT	OR	OFF	2006/11/21 16:21
S31	14	("20030168084"   "3557637"   "4245309"   "4510778"   "4663538"   "4866955"   "4977394"   "5237256"   "5279134"   "5560060"   "5786987"   "6169964").PN. OR ("6862482").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 16:22
S32	26	("3939453"   "4158432"   "4245309"   "4498130"   "4586034"   "4630191").PN. OR ("4977394").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 16:23
S33	14	("20030168084"   "3557637"   "4245309"   "4510778"   "4663538"   "4866955"   "4977394"   "5237256"   "5279134"   "5560060"   "5786987"   "6169964").PN. OR ("6862482").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 16:23
S34	828	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:26

## EAST Search History

S35	39	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:27
S36	828	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:28
S37	612	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnostic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:28
S38	168	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnostic) and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:28
S39	9	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((diagnostic) same voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:48
S40	67	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((diagnostic) and repair)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31
S41	495	((power or pressure or jet) adj (wash\$3 or spray\$3)) and malfunction	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31
S42	77	((power or pressure or jet) adj (wash\$3 or spray\$3)) and malfunction and repair	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31
S43	77	((power or pressure or jet) adj (wash\$3 or spray\$3)) and malfunction and repair	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:31
S44	16	((power or pressure or jet) adj (wash\$3 or spray\$3)) and malfunction and repair and ("134". clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:32

## EAST Search History

S45	149	((power or pressure or jet) adj (wash\$3 or spray\$3)) and malfunction and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:32
S46	1	(diagnostic with system) and ((pressure adj washer) or (power adj washer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/21 16:43
S47	20	("4977394").URPN.	USPAT	OR	OFF	2006/11/21 16:44
S48	8	("4926904").URPN.	USPAT	OR	OFF	2006/11/21 16:49
S49	3	("6425958").URPN.	USPAT	OR	OFF	2006/11/21 16:51
S50	4	("4956891").PN. OR ("6425958").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 16:51
S51	3	("2001/0000576").URPN.	USPAT	OR	OFF	2006/11/21 16:52
S52	2	("2002/0116783").URPN.	USPAT	OR	OFF	2006/11/21 16:53
S53	1	("7007826").PN.	USPAT; USOCR	OR	OFF	2006/11/21 16:53
S54	16	("2958155"   "3320895"   "3421697"   "3901449"   "4618099"   "4651903"   "4801088"   "4925105"   "5150837"   "5636791"   "5752661"   "5785245"   "6094773").PN. OR ("7007826").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/21 16:53
S55	1	("7007826").PN.	USPAT; USOCR	OR	OFF	2006/11/22 09:44
S56	16	("2958155"   "3320895"   "3421697"   "3901449"   "4618099"   "4651903"   "4801088"   "4925105"   "5150837"   "5636791"   "5752661"   "5785245"   "6094773").PN. OR ("7007826").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 09:44
S57	606	((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((drop\$3 or decreas\$3 or diminish\$3) same voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:49
S58	5	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (((drop\$3 or decreas\$3 or diminish\$3) same voltage) same cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:49

## EAST Search History

S59	18	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (((drop\$3 or decreas\$3 or diminish\$3) same voltage) same (extension or cord))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:50
S60	151	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (((drop\$3 or decreas\$3 or diminish\$3) same voltage) same (extension or outlet or line or cord))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:57
S61	31	("3333259"   "3826113"   "3963146"   "4142539"   "4691850"   "4734683"   "4845965"   "4932227"   "4941596"   "4964185"   "5014211"   "5059954"   "5082143"   "5246026"   "5390385"   "5392618"   "5435157"   "5564595"   "5601413").PN. OR ("6055831").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 09:52
S62	18	("3633416"   "3846774"   "4423484"   "4581707"   "5047965"   "5197328"   "5251148"   "5600230"   "5636653"   "5728942"   "5991827"   "6035878"   "6055831"   "6056008"   "6150823"   "6169381"   "6178997"   "6385119").PN. OR ("6903659").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 09:53
S63	380	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same voltage) same (extension or outlet or line or cord))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:58
S64	89	((power or pressure or jet) adj (wash\$3 or spray\$3)) and (((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same voltage) same (extension or outlet or line or cord)) and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 09:58



## EAST Search History

S65	1386	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and ((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same (power or current or voltage) same (extension or outlet or line or cord)) and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:12
S66	15	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and ((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same (power or current or voltage) same (extension or outlet or line or cord)).ab. and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 10:04
S67	299	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and ((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same (power or current or voltage) same (extension or outlet or line or cord)) and ("134".clas. or "239".clas.) and (AC or (alternating adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 10:05
S68	18	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and ((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same (power or current or voltage) same (extension or outlet or line or cord)) and ("134".clas. or "239".clas.) and ((AC or (alternating adj current)) with (chang\$3 or fluctuat\$3 or drop\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 10:06
S69	20	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and ((measure\$3 or sens\$3 or detect\$3 or indicat\$3 or drop\$3 or decreas\$3 or diminish\$3) same (power or current or voltage) same (extension or outlet or line or cord)) and ("134".clas. or "239".clas.) and ((AC or (alternating adj current)) with (decreas\$3 or chang\$3 or fluctuat\$3 or drop\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 10:06

## EAST Search History

S70	20	("2266354"   "2748036"   "3831845"   "3893006"   "4011991"   "4085892"   "4368852"   "4530463"   "4607987"   "4653696"   "4682710"   "4706885"   "4858062"   "4858828"   "4959137"   "5096120"   "5271569"   "5326031").PN. OR ("6154355").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 10:39
S71	1429	(ground adj fault adj circuit adj interrupter) or GFCI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/11/22 11:02
S72	3	("2002/0181175").URPN.	USPAT	OR	OFF	2006/11/22 10:46
S73	3	("2001/0000576").URPN.	USPAT	OR	OFF	2006/11/22 10:48
S74	3	("2001/0000576").URPN.	USPAT	OR	OFF	2006/11/22 10:48
S75	18	("20010000576"   "3302975"   "3475056"   "3705746"   "3917350"   "3930647"   "4353505"   "4638948"   "4725004"   "4828177"   "4893751"   "4914923"   "5134857"   "5771698"   "5771706"   "6053426").PN. OR ("7124521").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 10:48
S76	3	("2001/0000576").URPN.	USPAT	OR	OFF	2006/11/22 10:48
S77	13	("5684272"   "D285434"   "D313971"   "D358368"   "D401908").PN. OR ("D418482"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 10:56
S78	47	("1899657"   "1916806"   "2352356"   "2646056"   "2788954"   "3122151"   "3224914"   "3443567"   "3971394"   "4543182"   "4768534"   "4818388"   "5033489"   "5082558"   "5181399"   "5241720"   "5313811"   "5329950"   "5499643"   "5673715").PN. OR ("5803982").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 10:59
S79	264	((ground adj fault adj circuit adj interrupter) or GFCI) and (LED or (light adj emitting adj diode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:04

## EAST Search History

S80	230	((ground adj fault adj circuit adj interrupter) or GFCI) and (LED or (light adj emitting adj diode)) and voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:06
S81	70	((ground adj fault adj circuit adj interrupter) or GFCI) and (LED or (light adj emitting adj diode)) and voltage and plug and cord	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:14
S82	790	(voltage with loss and cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:14
S83	31	(voltage with loss with cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:14
S84	214	(voltage with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:17
S85	881	((power or current or voltage) with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:17
S86	881	(power or current or voltage) with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:28
S87	176	((power or current or voltage) with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord) same (detect\$3 or determin\$3 or sens\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:29
S88	107	((power or current or voltage) with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord) same (detect\$3 or determin\$3 or sens\$3) and (length or long)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:31
S89	16	(voltage with (drop\$3 or decrease\$1 or diminish\$3 or los\$1) with cord) with (detect\$3 or determin\$3 or sens\$3) and (length or long)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:32

## EAST Search History

S90	258537	voltage with (sensor or detector)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:33
S91	175	voltage with (sensor or detector) and (extension adj cord)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:35
S92	0	voltage with (sensor or detector) and (extension adj cord) and flucuation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:35
S93	25	voltage with (sensor or detector) and (extension adj cord) and fluctuation	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:36
S94	4122	motor with operates with voltage and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:37
S95	737	motor with operates with voltage with AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:37
S96	0	(motor with operates with voltage with AC) and fluctat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:37
S97	75	(motor with operates with voltage with AC) and fluctuat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:38
S98	0	(motor with operates with voltage with AC) and fluctuat\$5 and ((ground adj fault adj circuit adj interrupter) or GFCI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 11:38
S99	75	(motor with operates with voltage with AC) and fluctuat\$5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 12:07

## EAST Search History

S10 0	14	voltage with drop with extension with cord	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 12:07
S10 1	5	("5041775"   "5159255").PN. OR ("5757162").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 12:08
S10 2	8	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (motor with overheat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 12:29
S10 3	35	("2868914"   "3125285"   "3446238"   "3623827"   "3694105"   "3719435"   "3760982"   "4061271"   "4294277"   "4313111"   "4365125"   "4387850"   "4435626"   "4476889"   "4589825"   "4792113"   "4879439"   "4926904"   "4934598"   "4940207"   "5055641"   "5067654"   "5086975"   "5126097"   "5174723"   "5259556").PN. OR ("5529460").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 13:32
S10 4	18	AC and motor and ((lossy or drop) with voltage with cord)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 13:33
S10 5	21	AC and motor and ((lossy or drop) with voltage with cord)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 13:40
S10 6	38959	AC and motor and ((current or voltage) with (drop or loss or low))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 13:41
S10 7	10006	AC and (motor with ((current or voltage) with (drop or loss or low)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 13:41
S10 8	60	AC and (motor with ((current or voltage) with (drop or loss or low))) and (cord with (long or length))	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/22 13:42
S10 9	3283	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:44

## EAST Search History

S11 0	1503	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:45
S11 1	361	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) and motor and mode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:45
S11 2	319	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) and motor and mode and control\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:46
S11 3	107	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (diagnos\$4 or repair\$3 or \$3function\$3 or detect\$3 or \$10shooting or broke\$2 or fail\$4) and motor and mode and control\$4 and (wand or lance or applicator or gun)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 13:47
S11 4	7	("5749526").URPN.	USPAT	OR	OFF	2006/11/22 13:54
S11 5	7	("5749526").URPN.	USPAT	OR	OFF	2006/11/22 13:54
S11 6	7	("5749526").URPN.	USPAT	OR	OFF	2006/11/22 14:09
S11 7	1	("5749526").PN.	USPAT; USOCR	OR	OFF	2006/11/22 14:09

## EAST Search History

S11 8	43	("0274133"   "3200839"   "3322350"   "3424189"   "3438580"   "3494373"   "3543787"   "3662950"   "4022243"   "4178956"   "4182356"   "4313828"   "4566723"   "4821762"   "4844116"   "4848384"   "4850536"   "5029607"   "5060825"   "5074438"   "5123447"   "5135174"   "5158105"   "5230471"   "5279448"   "5333785"   "5383605"   "5392805"   "5533671").PN. OR ("5749526"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/22 14:09
S11 9	94	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and safety.ab. and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:14
S12 0	881	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and (control near4 motor) and ("134". clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:15
S12 1	1117	((power\$2 or pressur\$4 or jet) near3 (wash\$3 or spray\$3)) and (control\$3 near4 motor) and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/22 14:15
S12 2	41	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (electric\$3 with shock)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:30
S12 3	41	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (electric\$3 with shock\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:32
S12 4	48	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and ((electric\$3 with shock\$2) or (ground with fault))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:40
S12 5	0	("70077826").PN.	USPAT; USOCR	OR	OFF	2006/11/24 08:35
S12 6	1	("7007826").PN.	USPAT; USOCR	OR	OFF	2006/11/24 08:35

## EAST Search History

S12 7	16	("2958155"   "3320895"   "3421697"   "3901449"   "4618099"   "4651903"   "4801088"   "4925105"   "5150837"   "5636791"   "5752661"   "5785245"   "6094773").PN. OR ("7007826"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 08:36
S12 8	2	S127 and AC	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 08:36
S12 9	39	("3726443"   "3904116"   "4618099"   "4621770").PN. OR ("4801088").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 08:38
S13 0	134	("134".clas. or "239".clas.) and ((power or pressure or jet) near4 (wash\$3 or spray\$3)) and ((electric\$3 with shock\$2) or (ground with fault))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:41
S13 1	140	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and ((electric\$3 with shock\$2) or (ground with fault))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:41
S13 2	5334	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:42
S13 3	4303	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:42
S13 4	3121	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:42
S13 5	335	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water and AC	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:43



## EAST Search History

S13 6	371	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:44
S13 7	216	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power))) and (indicator or light or mode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:44
S13 8	145	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power))) and (indicator or panel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:09
S13 9	217	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and motor and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power))) and (indicator or panel or light)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 08:45
S14 0	0	("2003/0116646").URPN.	USPAT	OR	OFF	2006/11/24 08:47
S14 1	0	("6766966").URPN.	USPAT	OR	OFF	2006/11/24 08:50
S14 2	21	("3380658"   "3680786"   "3692243"   "3797744"   "3831849"   "4059123"   "4071195"   "4089446"   "4204328"   "4546903"   "4638945"   "4821958"   "4967960"   "5029758"   "5064123"   "5387200"   "5421900"   "5816499"   "6241135").PN. OR ("6766966").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 08:50

## EAST Search History

S14 3	37	("1834781"   "2980339"   "3140050"   "3369755"   "3380658"   "3454030"   "3456848"   "3491948"   "3504858"   "3615818"   "3651830"   "3680786"   "3797744"   "4089470"   "4111715"   "4821958"   "4822647"   "4865255"   "4878598").PN. OR ("5421900"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 08:51
S14 4	470	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:22
S14 5	397	("134".clas. or "239".clas.) and ((power\$2 or pressur\$4 or jet) near4 (wash\$3 or spray\$3)) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (AC or (alternating adj (current or power))) and (current or power or voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:33
S14 6	179	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and ((LED or light) with (indicat\$3 or control\$4 or mode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:39
S14 7	154	("134".clas. or "239".clas.) and ((power or pressure or jet) adj (wash\$3 or spray\$3)) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:41
S14 8	621	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 09:42
S14 9	7	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (LED)	EPO; JPO	OR	ON	2006/11/24 10:03

## EAST Search History

S15 0	20	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (low with pressure)	EPO; JPO	OR	ON	2006/11/24 10:04
S15 1	2137	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (low with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 10:04
S15 2	30	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and water and (electrical with power with (changes or problems or drop or loss))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 10:06
S15 3	41	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and ((pump or motor) with (speed or overheating or damage) with voltage) and (AC or (alternating adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 10:07
S15 4	85	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and ((pump or motor) with (speed or overheating or damage) with (power or voltage)) and (AC or (alternating adj current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 10:12
S15 5	17	("5040950").URPN.	USPAT	OR	OFF	2006/11/24 10:10
S15 6	229	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and (pump or motor) with (AC or (alternating with current))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 10:12
S15 7	6	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and (pump or motor) with (AC or (alternating with current)) and ((ground with fault) or GFCI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 11:30

## EAST Search History

S15 8	35	("2554191"   "2763214"   "3015283"   "3207444"   "4013225"   "4015828"   "4195970"   "4480967"   "4778354"   "4790454"   "4810169"   "4824340"   "4861231"   "4926904").PN. OR ("5040950").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 10:15
S15 9	274	(motor or pump) and ((extension or power) with cord) and ((ground with fault) or GFCI)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 10:16
S16 0	180	(motor or pump) and ((extension or power) with cord) and ((ground with fault) or GFCI) and (voltage or power) and (AC or (alternating with current))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 10:17
S16 1	4	(power or pressure or jet) adj. (wash\$3 or spray\$3) and (motor or pump) and (wand or lance or gun or applicator or nozzle) and (pump or motor) with (diagnos\$3 or test\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 11:31
S16 2	118	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (diagnos\$3 or test\$3).ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 11:31
S16 3	166	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (diagnos\$3 or test\$3 or repair\$4 or \$8shooting). ab.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 11:32
S16 4	17	(power or pressure or jet) adj (wash\$3 or spray\$3) and (motor or pump) and (diagnos\$3 or test\$3 or repair\$4 or \$8shooting). ab. and ("134".clas. or "239".clas.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/11/24 14:18
S16 5	1	("6292337").PN.	USPAT; USOCR	OR	OFF	2006/11/24 14:18
S16 6	11	("2864036"   "3493815"   "4587588"   "4598331"   "4751603"   "4823225"   "5488303").PN. OR ("6292337"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 14:19
S16 7	6	("4649455"   "4754247"   "4870531"   "6141197"   "6292337").PN. OR ("6433982"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 14:21

## EAST Search History

S16 8	0	("(cordandGCFI)").PN.	USPAT; USOCR	OR	OFF	2006/11/24 14:21
S16 9	532	(cord and (GCFI or (ground adj fault)))	USPAT	OR	OFF	2006/11/24 14:22
S17 0	931	(cord and (GCFI or (ground adj fault)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 14:22
S17 1	185	(cord with (GCFI or (ground adj fault)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 14:23
S17 2	34	(cord with (GCFI or (ground adj fault))) and (LED or (light with emitting with diode))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 14:25
S17 3	25	(power with cord with (GCFI or (ground adj fault))) and (LED or (light with emitting with diode))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 14:25
S17 4	104	(power with cord with (GCFI or (ground adj fault)))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/11/24 14:25
S17 5	5	("5041775"   "5159255").PN. OR ("5757162").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/11/24 14:27
S17 6	2215	AC and GFCI or GFI	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/24 14:27
S17 7	1074	AC and (GFCI or GFI)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/24 14:46
S17 8	80	(line or wire or lead) with (hot and return and ground and sending)	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/24 14:49
S17 9	10	(line or wire or lead) with (hot and return and ground and sending) and cord	US-PGPUB; USPAT; USOCR	OR	ON	2006/11/24 14:52
S18 0	3812	voltage loss extension cord	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:52
S18 1	15	(voltage with (loss or drop) with extension with cord)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:52

## EAST Search History

S18 2	55	(voltage with (loss or drop) with (power or extension) with cord)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:54
S18 3	7151	(GFI or GFCI or (ground adj fault))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:54
S18 4	1146	(GFI or GFCI or (ground adj fault)) with (verify or test or diagnostic or trouble or problem or repair)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:55
S18 5	282	(GFI or GFCI or (ground adj fault)) with (verify or test or diagnostic or trouble or problem or repair) and cord	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:55
S18 6	1086	(GFI or GFCI or (ground adj fault)) with (verify or test or diagnostic or trouble or problem or repair) and (line or cord)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:55
S18 7	101	(GFI or GFCI or (ground adj fault)).ab. with (verify or test or diagnostic or trouble or problem or repair) and (line or cord)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:57
S18 8	79435	((insufficient or low) with voltage) and ((power or extension) with (cord or line))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:58
S18 9	11613	((insufficient or low) with voltage) with ((power or extension) with (cord or line))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:59
S19 0	11464	low with voltage with (power or extension) with (cord or line)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 14:59
S19 1	5354	low adj voltage with (power or extension) with (cord or line)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:00
S19 2	2090	low adj voltage with (power or extension) with (cord or line) and AC	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:00
S19 3	508	low adj voltage with (power or extension) with (cord or line) and AC and indicator	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:00
S19 4	130	low adj voltage with (power or extension) with (cord or line) and AC same indicator	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:02
S19 5	67	(LED or (light with emitting with diode)) and (bypass adj transistor)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:03

## EAST Search History

S19 6	2	(LED or (light with emitting with diode)) and (bypass adj transistor) and (wired with series)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:03
S19 7	6	(LED or (light with emitting with diode)) and ((bypass adj transistor) with series)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:04
S19 8	10	(LED or (light with emitting with diode)) and ((bypass adj transistor) with (indicat\$3 or display))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:08
S19 9	11	(LED or (light with emitting with diodes)) and ((bypass adj transistor) with (series or parallel))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:10
S20 0	14303	(LED or (light with emitting with diodes)) and (transistor with (series or parallel))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:10
S20 1	3979	(LED or (light with emitting with diodes)) and (transistor with (series and parallel))	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:11
S20 2	1886	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:11
S20 3	935	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers and operational	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:11
S20 4	862	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers and operational and (panel or display or indicat\$3)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:12
S20 5	3	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers and operational and (panel or display or indicat\$3) and optical and reciever	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:12
S20 6	307	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers and operational and (panel or display or indicat\$3) and optical	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:13

## EAST Search History

S20 7	27	(LED or (light with emitting with diodes)) and (transistor with (series and parallel)) and capacitor and amplifiers and operational and (panel or display or indicat\$3) and (optical with receiver)	US-PGPUB; USPAT; USOCR	AND	ON	2006/11/24 15:13
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